CITY OF TRAVERSE CITY BID TABULATION

Project: Hydrostatic Snow Tractor	Location: 28 fe conf noom
Date and Time Due: 6/29/15 @ 215 PM	Staff: Julie Dacton.
	Staff: Bany Smith

VENDOR	BID AND/OR EXTRAS	TOTAL
Prinoth	2015 Prinoth BR350	285,000.
TT (NOT?	2013.1111111100000	0,00
		4 00
Kässbohrer All Terroin Vehicles	2015 Kässbahrer Pisten	# 286,906.°°
	Buly 400	
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piece of equipment. The Grooming Tractor must be the Manufacturers Current Design and must meet or exceed all specifications. The Tractor must include a 12 way Blade and a Flexible Power Tiller. The Tractor must have a Stick-type Electronic Digital Steering Controls. The Tractor must have an Electronic Engine Management System. The Tractor must be equipped with a Quick Attach Blade Mounting Mechanism to allow easy switching of front mounted implements. All parts not specifically mentioned which are necessary in order to provide a complete,, standard equipped, Grooming Tractor must be included in the bid and supplied with the Tractor and must conform in strength, quality of material, and workmanship to what is normally provided the industry in general. NOTE: for comparison use your Equipment Model that most closely resembles a PistenBully 400.

Manufacturer, Model and year of proposed Groomer Tractor: 2015 Prinoth BR350	
	BIDDER PROPOSES TO FURNISH
Engine:	
Minimum 370 HP Water Cooled diesel.	Exception*
*355hp Tier 3 Water Cooled Turbo Diesel AD, A	Caterpillar C9
State Maximum Ft/Lbs. Torque	1152 ft lbs @ 1400 RPM
Electronic engine control System.	Comply
Engine Block Heater.	Comply
State Fuel Consumption.	5 gal per hr
State Warranty Provider.	Caterpillar O.E.M
Main Drive System:	Sauer Danfoss
Minimum 1 years full Warranty required.	Comply
State Warranty provider.	Prinoth, LLC
Hydrostatic Pumps, State manufacturer and series.	Sauer Danfoss series 90
State displacement of Hydrostatic Pumps.	100 CC variable

Suaer Danfoss Series 90

State manufacturer and series of Hydrostatic Drive Motors.	Sauer Danfoss Series 90
System Test Ports shall be provided.	Comply
Stick type Electronic Digital Steering.	Comply
State manufacturer and series of Splitter box.	Stiebel
State manufacturer and series of Torque Hubs.	Bonfiglioni 607W2
Low Hydrostatic Oil Warning System.	comply
Tiller Drive System:	
Minimum 1 Years Full Warranty.	comply
State Warranty provider.	Prinoth, LLC
Hydrostatic Pumps, State manufacturer and series.	Sauer Danfoss Series 90
State displacement of Hydrostatic Pumps.	75 cc variable
State displacement of Hydrostatic Pumps.	Exception*
Hydrostatic Drive Motors, State manufacturer, series and size.	Sauer Danfoss Series 90
System Test Ports shall be provided.	Comply
Auxiliary Hydraulic System:	
Minimum 1 year Warranty.	Comply
State Warranty provider.	Prinoth, LLC
State Hydraulic Pump manufacturer and series.	Casappa 23
State type and displacement of Hydraulic Pump.	26cc fixed
State System Pressure and Flow in PSI and GPM.	3000 psi 15 gpm
Must have Pilot operated Blade control.	comply
System Test Ports shall be provided.	comply

Vehicle:

l year minimum Warranty on complete Vehicle.	comply
State Warranty provider.	comply
State Operating Weight.	18,542 lbs
State Overall Width of Vehicle.	13 feet 9" (tractor)
Armrest mounted, Stick type, Steering controls.	Comply
Drive safety interlock system. Disengage Drive on door open or whenseering armrest is raised. <u>Comply</u>	
Full instrumentation and warning systems for major systems.	comply
Heated Front wipers.	Comply
ROPS (Roll Over Protection System).	Comply
State Cab construction.	Fiberglass steel frame
State Cab Suspension. <u>Crank arm, torsion bar, heavy duty rubber tor</u>	sion black
Frame Warranty 1 year minimum.	comply
Rear Lift frame up/down pressure.	comply
State Fuel tank size and construction.	71.3 aluminum
Hydraulic Cab and Deck Lift. cover standard	Comply cab tilt, rear
Front blade-frame float function.	comply
High rise, articulating rear lift frame with Auto center and manualSteering side to side.	comply
State Rear lift frame angle of lift.	41.6 degrees **

54.6

** Double action lift cylinder allows for vertical lift of tiller implement

Electrical System: State if 12 volt or 24 volt system. 24v Heavy Duty Charging system. comply Battery Size and quantity. 950 CCA / 2 Electric heating if Front, Rear and both side windows. comply State Stereo configuration AM/FM/CD w/MP3 and Bluetooth if available. comply Xenon Lighting Front and Rear. comply Halogen Spot Light required front and rear. comply Warning Beacon. comply "Super tone" Horn. comply Backup Alarm. comply Suspension: Warranty 1 year minimum. comply Independent torsion arm suspension with adjustable height rear axles. comply Front tires, solid rubber. comply Intermediate tires, solid rubber. comply Tracks: Warranty minimum 1 year. comply Asymmetrical style with aluminum cross links and steel edges. comply 50% Minimum Ice Picks. comply

Blade:	
State Warranty	
State Width in closed position.	14 feet
State Capacity.	3000 lbs
12 Way adjustable.	comply
Back blading teeth.	comply
State Range of Motion as follow:	
Horizontal. 48.3	
Vertical. 106.9	
Tilt. 74.2	
Curl. 54	
Tiller:	
State Warranty minimum 1 year required.	Comply
State local warranty service provider.	Prinoth, LLC
Two section Flex Tiller with 2 individual cutting bars.	Comply
Hydraulically operated tiller flex lock.	Comply
Dual Tiller Drive motors.	Exception
Variable snow chamber flap.	Comply
Maximum overall width 220"	Comply
State number of teeth and tooth length.	Comply
Shall have a Blade Quick attach system.	Comply
Two (2) each of the following manuals Parts, Service, Operators. May be Disc (preferred) other than (1) one operators manual in vehicle.	Comply

Enclose specific detailed warranty information provided on vehicle Complete unit, powertrain, and hydraulics including what provider in The local area.

Warranty and After Sale Support: Cascade Machinery Michael Taft; President W10490 Cascade Rd Portage, Wisconsin 53901

Prinoth, LLC Carter Cowan; After Sales Support Grand Junction Colorade Bill Cox; Sales and Service Madison, WI

BID SUMMARY

TITLE: One (1) Hydrostatic Drive Snow Grooming Tractor (NOTE: for comparison, use your Equipment Model that most closely resembles a PistenBully 400)

DUE DATE: Monday, June 29, 2015 at 2:15 PM

Having carefully examined the specifications and any other applicable information, the bidder proposes to furnish all items necessary for and reasonably incidental to the proper completion of this bid. Bidder submits this bid and agrees that the bid may not be withdrawn for a period of thirty (30) days from the actual date of the opening of the bid.

Bidder understands and agrees, if selected as the successful bidder, to accept a Purchase Order / Service Order / Contract from the City and to provide proof of any required insurance.

Bidder submits this bid and agrees to meet or exceed all the City of Traverse City's requirements and specifications unless otherwise indicated in writing and attached hereto.

Bid forms are to be completed, including bid sheet, and submitted. Items not meeting specifications must be noted in the "comply" column and bidder shall fully describe every variance, exception, and/or deviation. Additional sheets may be used and submitted with bid.

Bidder is also required to submit, with the bid, the latest printed manufacturer's specifications and advertising literature on the equipment (including components) to be provided. Completed unit MUST be equipped in compliance with all applicable ANSI, OSHA, State and Federal Motor Vehicle Safety standards and regulations in effect at time of manufacture.

Bidder understands that the City reserves the right to accept any or all bids in whole or in part and to waive irregularities in any bid in the best interest of the City of Traverse City. The bids will be evaluated and awarded on the basis of the best value to the city. Criteria used will include, but not be limited to, bidder/contractor's ability, qualifications, experience, type and amount of equipment, purchase price, maintenance cost(s), insurance, resale, license and permits and overall capability meeting the needs of the City of Traverse City. The City is sales tax exempt – Government.

The Bidder certifies that it is in compliance with the City's Nondiscrimination Policy as set forth in Administrative Order No. 47 and Chapter 605 of the City's Codified Ordinances.

The Bidder certifies that none of the following circumstances have occurred with respect to the Bidder, an officer of the Bidder, or an owner of a 25% or more share in the Bidder's business, within 3 years prior to the bid:

(a) conviction of a criminal offense incident to the application for or performance of a contract;

- (b) conviction of embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property, or any other offense which currently, seriously and directly reflects on the Bidder's business integrity;
 - (c) conviction under state or federal antitrust statutes;
 - (d) attempting to influence a public employee to breach ethical conduct standards; or
- (e) conviction of a criminal offense or other violation of other state, local, or federal law, as determined by a court of competent jurisdiction or an administrative proceeding, which in the opinion of the City indicates that the bidder is unable to perform responsibility or which reflects a lack of integrity that could negatively impact or reflect upon the City of Traverse City, including but not limited to, any of the following offenses or violations of:
 - i. The Natural Resources and Environmental Protection Act.
- ii. A persistent and knowing violation of the Michigan Consumer Protection Act.
- iii. Willful or persistent violations of the Michigan Occupational Health and Safety Act.
- iv. A violation of federal, local, or state civil rights, equal rights, or non-discrimination laws, rules, or regulations.
- v. Repeated or flagrant violations of laws related to the payment of wages and fringe benefits.
- (f) the loss of a license or the right to do business or practice a profession, the loss or suspension of which indicates dishonesty, a lack of integrity, or a failure or refusal to perform in accordance with the ethical standards of the business or profession in question.

Pre-delivery Inspection: Successful bidder shall make a complete inspection of vehicle (and/or equipment) to insure it meets specifications and perform any pre-delivery service(s) required before the vehicle is delivered. Acceptance shall be subject to complete inspection and approval of the City.

Terms: Net Cash. Payment will be made as soon as possible after delivery/acceptance of vehicle/equipment. Price quoted shall include any title fee and all delivery costs to the City Garage, 625 Woodmere Ave., Traverse City, MI 49686.

Bidder certifies that as of the date of this bid, Bidder's company or Bidder is not in arrears to the City of Traverse City for debt or contract and is in no way a defaulter as provided in Section 152, Chapter XVI of the Charter of the City of Traverse City.

The City may require an in house equipment demonstration for your bid to be considered.

Bidder agrees that the bid may not be withdrawn for a period of thirty (30) days from the actual date of the opening of the bid.

Please direct ALL questions to: Dave Courtad, Garage Superintendent, City of Traverse City, at 231-922-4900, ext. 111.

Bidder - Please complete and return

BID PAGE

One (1) Hydrostatic Drive Snow Grooming Tractor (<u>NOTE:</u> for comparison, use your Equipment Model that most closely resembles a PistenBully 400)

Price quoted shall include title fee, any documentation fee, and all transportation (delivery) charges fully prepaid to the City Garage, 625 Woodmere Ave. Traverse City, MI 49686

YEAR MAKE A	ND MODEL OF EQUIPME	:N1 BID: <u>2015 Prinoth BR350</u>	
COST OF SPECIA	FIED EQUIPMENT:	\$ \$2	85,000
	•		
EVDECTED DEL	IVEDV DATE OOD	L 4 4 11/20/15	
EXPECTED DEL	IVERY DATE: 90 Days: (Length	no later than 11/20/15 of time after receipt of purchase or	 ·der)
	(,
Submitted by:	. /		
Subinited to:	1/		
MIL		Prinoth, LLC	***************************************
Signature	/	Company Name	
Bill Cox / Sales	s Representative	2746 Seeber Drive	
Name and Title (F	Print)	Company Address	
801-430-2453	603-267-7843	Grand Junction, Colorad	o 81506
Phone	Fax	City, Sta	ate, Zip
		Corporation	
		Sole proprietorship/partner	ship/corporation
		Colorado	
		If corporation, state of corp	oration

Addendum A

Exceptions; In all cases Prinoth, LLC offers an acceptable alternative to the specification.

Caterpillar C9 Engine

The Caterpillar Tier 3 Diesel Engine exceeds Bid Requirements through a 12% better power to weigh ratio which allows for better performance and lower fuel consumption.

Addendum B

In addition to the specifications outlined in the Request for Bid, Prinoth LLC will provide an additional year warranty coverage on the tractor and drive train. In additional, Prinoth LLC will also include Extended Engine Coverage of 2 years (total 4) or 3000 Hours (total 6000) whichever comes first.

Plus a \$2500.00 Spare Parts Credit

Kässbohrer

piece of equipment. The Grooming Tractor must be the Manufacturers Current Design and must meet or exceed all specifications. The Tractor must include a 12 way Blade and a Flexible Power Tiller. The Tractor must have a Stick-type Electronic Digital Steering Controls. The Tractor must have an Electronic Engine Management System. The Tractor must be equipped with a Quick Attach Blade Mounting Mechanism to allow easy switching of front mounted implements. All parts not specifically mentioned which are necessary in order to provide a complete,, standard equipped, Grooming Tractor must be included in the bid and supplied with the Tractor and must conform in strength, quality of material, and workmanship to what is normally provided the industry in general. NOTE: for comparison use your Equipment Model that most closely resembles a PistenBully 400.

Manufacturer, Model and year of proposed Groomer Tractor: 2015 KASSBOHRER

PISTEN BULLY 400	1907A 1
	BIDDER PROPOSES
	TO FURNISH
Engine:	
Minimum 370 HP Water Cooled diesel.	COMPLY
State Maximum Ft/Lbs. Torque @ RPM.	1120 ft. lbs. @1500 RPM
Electronic engine control System.	COMPLY
Engine Block Heater.	STANDARD 110 VOLT
State Fuel Consumption.	<u>19-21 L/H @ 1500 RPM</u>
State Warranty Provider.	CUMMINS ENCOMPASS
Main Drive System:	
Minimum 1 years full Warranty required.	COMPLY
State Warranty provider.	KASSBOHRER
Hydrostatic Pumps, State manufacturer and series.	REXROTH A4VG 140
State displacement of Hydrostatic Pumps.	<u>140 CC</u>
Hydrostatic Drive Motors, State manufacturer and series.	REXROTH A2FM 107

State Displacement of Hydrostatic Drive Motors.	<u>107 CC</u>
System Test Ports shall be provided.	COMPLY
Stick type Electronic Digital Steering.	COMPLY
State manufacturer and series of Splitter box.	STIEBEL A 4412
State manufacturer and series of Torque Hubs.	PULS 17:1
Low Hydrostatic Oil Warning System.	VISUAL & AUDIBLE
Tiller Drive System:	
Minimum 1 Years Full Warranty.	COMPLY
State Warranty provider.	KASSBOHRER
Hydrostatic Pumps, State manufacturer and series.	REXROTH A4V6 90
State displacement of Hydrostatic Pumps.	90 CC
State displacement of Hydrostatic Pumps.	90 CC
Hydrostatic Drive Motors, State manufacturer, series and size.	REXROTH A2FE 63CC
System Test Ports shall be provided.	COMPLY
Auxiliary Hydraulic System:	
Minimum 1 year Warranty.	COMPLY
State Warranty provider.	KASSBOHRER
State Hydraulic Pump manufacturer and series.	REXROTH A10VO 45
State type and displacement of Hydraulic Pump.	LOAD SENSING 45 CC
State System Pressure and Flow in PSI and GPM.	3,000 PSI / 33 GPM
Must have Pilot operated Blade control.	COMPLY
System Test Ports shall be provided.	COMPLY

Vehicle: 1 year minimum Warranty on complete Vehicle. COMPLY State Warranty provider. KASSBOHRER State Operating Weight. 20,437 State Overall Width of Vehicle. 13'10" ACROSS TRACKS Armrest mounted, Stick type, Steering controls. COMPLY Drive safety interlock system. Disengage Drive on door open or when Steering armrest is raised. COMPLY Full instrumentation and warning systems for major systems. COMPLY Heated Front wipers. COMPLY ROPS (Roll Over Protection System). COMPLY State Cab construction. STEEL / FIBERGLASS State Cab Suspension. 4 POINT HYD. & RUBBER MOUNT Frame Warranty 1 year minimum. COMPLY Rear Lift frame up/down pressure. COMPLY State Fuel tank size and construction. 69 GAL. PLASTIC Hydraulic Cab and Deck Lift. COMPLY Front blade-frame float function. COMPLY High rise, articulating rear lift frame with Auto center and manual

Steering side to side.

State Rear lift frame angle of lift.

Sate Rear lift frame angle of drop.

<u>COMPLY</u>

72 DEGREES

38 DEGREES

Electrical System: State if 12 volt or 24 volt system. 24 VOLT Heavy Duty Charging system. 28 VOLT 140 AMP Battery Size and quantity. 135 AMP/HR 12 VOLT X 2 Electric heating if Front, Rear and both side windows. **COMPLY** State Stereo configuration AM/FM/CD w/MP3 and Bluetooth if available. STANDARD W/ BLUETOOTH Xenon Lighting Front and Rear. COMPLY Halogen Spot Light required front and rear. COMPLY (FRONT) Warning Beacon. COMPLY "Super tone" Horn. COMPLY Backup Alarm. COMPLY **Suspension:** Warranty 1 year minimum. COMPLY Independent torsion arm suspension with adjustable height rear axles. COMPLY Front tires, solid rubber. COMPLY Intermediate tires, solid rubber. COMPLY Tracks:

Warranty minimum 1 year.

50% Minimum Ice Picks.

Asymmetrical style with aluminum cross links and steel edges.

COMPLY

COMPLY

COMPLY

Blade:	
State Warranty.	1 YEAR
State Width in closed position.	14' 6"
State Capacity.	<u>5 YARDS</u>
12 Way adjustable.	COMPLY
Back blading teeth.	NOT INCLUDED IN BID COST
State Range of Motion as follow:	
Horizontal.	40 DEGREES
Vertical.	_55" / 52 DEGREES
Tilt.	20 DEGREES
Curl.	28 DEGREES
Tiller:	
State Warranty minimum 1 year required.	COMPLY
State local warranty service provider.	KASSBOHRER
Two section Flex Tiller with 2 individual cutting bars.	COMPLY
Hydraulically operated tiller flex lock.	COMPLY
Dual Tiller Drive motors.	COMPLY
Variable snow chamber flap.	_COMPLY_
Maximum overall width 220"	COMPLY
State number of teeth and tooth length.	290 TEETH / 75 MM
Shall have a Blade Quick attach system.	COMPLY
Two (2) each of the following manuals Parts, Service, Operators. May b Disc (preferred) other than (1) one operators manual in vehicle.	e _COMPLY

Enclose specific detailed warranty information provided on vehicle
Complete unit, powertrain, and hydraulics including what provider in
The local area.

COMPLY

BID SUMMARY

TITLE: One (1) Hydrostatic Drive Snow Grooming Tractor (NOTE: for comparison, use your Equipment Model that most closely resembles a PistenBully 400)

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Bidder - Please complete and return

BID PAGE

One (1) Hydrostatic Drive Snow Grooming Tractor (<u>NOTE:</u> for comparison, use your Equipment Model that most closely resembles a PistenBully 400)

Price quoted shall include title fee, any documentation fee, and all transportation (delivery) charges fully prepaid to the City Garage, 625 Woodmere Ave. Traverse City, MI 49686

YEAR MAK	E AND MODEL OF EQ	UIPMENT BID: 2015 KASSBOHRER I	<u> ISTEN</u>
1	BULLY 400 COS	ST OF SPECIFIED EQUIPMENT:	
	\$ <u>_2</u>	286,906.00	
EXPECTED DE		NOVEMBER 1, 2015 gth of time after receipt of purchase order)	
Submitted by: Signature PAUL SCANLON Name and Title (Paul Scanlon)	Scanlon I/REGIONAL SALES rint)	KASSBOHRER ALL TERRAIN VEHICLES, INC. Company Name 3045 4TH AVENUE EAST Company Address	<u>[</u>
952-345-3330 Phone	952-345-3331 Fax	SHAKOPEE MN City, State,	55379 Zip
		CORPORATION Sole proprietorship/partnership/c	•
		MAINE If corporation, state of corporation	n

Exceptions:

Blade:

Back blading teeth -

Additional cost of \$4,500.00